GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:2716
ANSWERED ON:01.12.2016
Modernisation of Power Plants
Kumar Dr. Virendra

Will the Minister of POWER be pleased to state:

(a) whether the Government proposes to modernise some of the old thermal and hydro power plants during present plan period;

(b) if so, the details thereof including the augmentation in their production capacity and the expenditure involved therein, plant-wise;

(c) whether any cost profit study has been conducted in this regard; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) to (d) : Decision to undertake Renovation and Modernization (R&M) and Life Extension (LE) works of existing old power plants or replacement with new efficient supercritical units is taken by the concerned State and Central power utilities depending on their requirement. The generating utilities plan the R&M/LE works/replacement works considering the condition of machine, grid requirements and cost effectiveness.

The cost profit study is carried out by the concerned utilities on case to case basis prior to implementation of LE works.

The details of Thermal power plants identified for Life Extension(LE)/ Renovation and Modernisation (R&M) during the 12th Five Year Plan period and the plants where the augmentation of generation capacity has been achieved and estimated cost incurred are given at Annex-I. The details of Hydro power plants identified for LE/R&M during the 12th Five Year Plan period along with benefits and estimated cost are given in Annex-II.

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